

MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES ONSITE SEWAGE PROGRAM REGISTERED OWTS PROFESSIONALS CEU EXERCISE

Evolving a Rational Design Approach to Sizing Soil Treatment Units: Design for Wastewater Effluent Infiltration Questionnaire #109

For Continuing Education Unit (CEU) credit, read the following publication and

May 2007

Expiration Date: March 31, 2008

Subject to link availability

complete the questionnaire and return the completed questionnaire by either mailing to DHSS, Onsite Sewage Program, P.O. Box 570, Jefferson City, MO 65102, or faxing to 573-526-7377.					Installe	Inspect	OSE	Perc Test
Small Flows Quarterly, Summer 2006 edition http://www.nesc.wvu.edu/nsfc/Articles/SFQ/SFQ_su06/Evolving.pdf				3.0	~	~	~	~
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<i>I</i> ,	Last Name	First	Middle Initial					
				ow ID #				
	taller ID #		_	or ID # _				
Soil Evaluator ID #			Percolation Tester ID #					
have rea	d the publication listed abo	ove and comple	eted the following questions:					
	Signature		Contact Phone Number		Da	ite		
1. Defin a. S - -	e: oil Treatment Unit (STU):							
b. S	oil Infiltrability:							
a	general soil attributes are		•					
d								
e								
3. Infiltr	ration into a soil profile can	be controlled	at the soil infiltrative surface	by:				
or wi	thin the soil profile by:							

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4.	a b	·		·	lomestic septic tank effluent (DSTE)
5.	a			pact or determine the "stren	gth" of the wastewater?
6.	What	happens to infiltrabil	ity with higher "stre	ength" effluents?	
7.	What	is the relative effect	of "continuity of use	e" on the STU? (Hint use Ta	able 1)
8.				pes based on the treatment acee effluent types and the thre	chieved. Discuss what happens ee soil classes.
9.		is sequential applica juvenate the hydraul			ng of a resting cycle is needed to
10	. Using	Table 6 summarize	how effluent distribu	ution can affect design criter	ia.
11	IV	a – sandy clay, silty	clay and clay (low a	lasses (groups) include textu and moderate shrink-swell) loam and clay loam (high s	

- V skeletal textures (greater than 35% rock fragments):
- Does Table 3 cover all soils found in Missouri? (circle one) Yes No
- Do you think the HLR for Soil Class IVb should be higher or lower than for Class III? (circle one) Higher Lower
- Do you think the HLR for Soil Class V should be higher or lower than for Class III? (circle one) Higher Lower

#109	Last Name	First	Middle Initial	ID Number
Pleas	e complete and return this sho	eet only if you	want #109 answers sent to yo	ou (after exercise is taken offline).
	Email Address			
I	f fax number is not available,	confirm your n	nailing address:	
	Address	State		